

Message

From: Adair, Jillian [adair.jillian@epa.gov]
Sent: 3/21/2019 8:30:52 PM
To: Dunne, Ed (DOEE [ed.dunne@dc.gov]; jeffrey.seltzer@dc.gov; Robinson, Matthew (DOEE [matthew.robinson@dc.gov]; Peck, Michelle [Peck.Michelle@epa.gov]
CC: Voigt, Gregory [Voigt.Gregory@epa.gov]; Champion, Jonathan (DOEE) [jonathan.champion@dc.gov]
Subject: RE: Anacostia Trash TMDL Development
Attachments: BASMAA_Trash_Generation_Rates_Final_Report.pdf

Hi Jeff and Jonathan,

Thank you so much for running San Francisco's trash generation rates in DC. I thought the study was well done and I'm sure it will be helpful for us to make general comparisons. I've attached the trash generation report. You can find the rates on page 35 and I've attached a screenshot below.

Table 4.2. San Francisco Bay Area annual trash generation rates for stormwater (gal/acre).

Land Use	Low ^a	Best ^b	High ^b
Commercial & Services	0.7	6.2	17.3
Industrial	2.8	8.4	17.8
Residential ^a			
Less than \$50,000/yr	2.8-30.2	8.2-87.1	24.2-257
\$50,000-\$100,000/yr	0.9-2.8	2.5-8.2	7.4-24.2
Greater than \$100,000/yr	0.3-0.9	0.5-2.5	1.0-7.4
Retail ^a			
Less than \$50,000/yr	10.4-110	78.2-150	202-389
\$50,000-\$100,000/yr	2.1-10.4	15.5-78.2	40.0-202
Greater than \$100,000/yr	0.7-2.1	1.8-15.5	4.6-40.0
K-12 Schools	3	6.2	11.5
Urban Parks	0.5	5.0	11.4

^a For residential and retail land uses, trash generation rates are provided as a range, which takes into account the correlation between rates and household median income.

^b For residential and retail land uses: Low = 5% confidence interval; Best = best fit regression line between generation rates and household median income; and, High = 95% confidence interval. For all other land use categories: High = 90th percentile; Best = mean generation rate; and, Low = 10th percentile.

Thank you!

Jillian Adair

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-----Original Appointment-----

From: Adair, Jillian
Sent: Tuesday, March 05, 2019 11:19 AM
To: Adair, Jillian; Anna Kasko -MDE-; Dunne, Ed (DOEE; jeffrey.seltzer@dc.gov; Matthew Standeven -MDE-; Robinson, Matthew (DOEE; Onyullo, George (DOEE; Greg Busch; Melissa Chatham; Peck, Michelle; MacKnight, Evelyn
Cc: Michelle Price-Fay (Price-Fay.Michelle@epa.gov); Voigt, Gregory; Champion, Jonathan (DOEE)
Subject: Anacostia Trash TMDL Development
When: Wednesday, March 20, 2019 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Ex. 6 Conf line

I'd like to use this meeting as an information sharing opportunity. Hopefully over the last few months, we've had time to do some research on our own and discuss within our small groups. So please come prepared to share your knowledge on potential structural controls for trash.

Rough Agenda

- San Francisco Bay area trash generation study (Jillian)
- San Francisco Bay area trash structural controls (Jillian)
- Baltimore's stormwater inlet grates (Anna)
- Current controls in the Anacostia (Matt R.)
- Others?
- Next Steps